Weather Observation Station 18 ☆

160 more points to get your gold badge!

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Problem Submissions Leaderboard

Consider $P_1(a, b)$ and $P_2(c, d)$ to be two points on a 2D plane.

- a happens to equal the minimum value in Northern Latitude (LAT_N in **STATION**).
- b happens to equal the minimum value in Western Longitude (LONG_W in **STATION**).
- c happens to equal the maximum value in Northern Latitude (LAT_N in **STATION**).
- d happens to equal the maximum value in Western Longitude (LONG_W in **STATION**).

Query the Manhattan Distance between points P_1 and P_2 and round it to a scale of 4 decimal places.

Input Format

The **STATION** table is described as follows:

STATION

Field	Type
ID	NUMBER
CITY	VARCHAR2(21)
STATE	VARCHAR2(2)
LAT_N	NUMBER
LONG_W	NUMBER

where LAT_N is the northern latitude and LONG_W is the western longitude.

Current Buffer (saved locally, editable) MySQL

```
1 /*
2 Enter your query here.
3 */
4 SELECT ROUND(ABS(MAX(LONG_W)-MIN(LONG_W))+ABS(MAX(LAT_N)-MIN(LAT_N)),4) FROM STATION
```